10/566822 IAPPROCUPCTYPTO 31 JAN 2006

BY0029Yseqlist.txt SEQUENCE LISTING

BY0029Yseqlist.txt actgtcccca cctccctggc tgctaccgtg ccctgcctgg caagcccagc gaagccgagt 1320 1380 tcgtttcctg ctcccgctgg ccctctgtgc agggagcagt ttccgcccag aacttgggta gtgtggcagg gtacggcccg tggcagcttc tgcttaccaa atgactagag cacacacac 1440 1500 agcactttgt cacaagaggg accaccgtgc tgtgttctgg aaggtagtgc cttcaggaga ggggacaggc aggcagcgca gattaccagc agaagccatg accgtggagt ccagagaaag 1560 tgcctggggt tcccgagcgc acctcctgta tgcagccttg gctgctctaa tggtcagttt 1620 1680 tgctgaaccc tcctgctcag cggctactgc cgtcaccagg aactgtctgt gtccctcaca 1740 cgcctgtgcc ctcccttgcc tggcttcccc agggccaggt gggcatgctg gcagagctgg 1800 ggcagtgatg gattcatcgt ttgtgccctc ccaggacctg gcttcctgta tggcaggcat 1860 cacccttcac catccctcag gcttcgaagc agcctgtttt ccctcaaatg gggttgtgtg 1920 tatcaaaacg aggttcggcc ctgtgcctcc cacaggtcct cccccaggaa gtggcagcag 1980 cccaggggca ctgcctacac ctctcttcag gatctaataa accaagtggc ctgggaaaaa 2021 aaaaaaaaa aaaaaaaaaa aaaaaaaaaa a <210> 1969 <211> DNA Homo sapiens <400> ggcacgaggc ggggcgcggg gcgctgcggc cggtacacgc cggggtaggg ccggggtcgg 60 gttgtggtcg ggccgggatt gggctctcct gggccatggc agccgaggcg cgcgtgtcgc 120 gctggtactt cggggggctg gcctcctgcg gggccgcctg ctgcacgcac ccgctggacc 180 tgctcaaggt gcatctgcag acgcagcagg aggtgaagct gcgcatgacg ggcatggcgc 240 300 tgcgggtggt gcgtaccgac ggcatcctgg cactctacag cggcctgagc gcctcgctgt gcagacagat gacctactcc ctgactcggt tcgccatcta cgagactgtg cgggaccgtg 360 tggccaaggg cagccagggg cctctccct tccacgagaa ggtgttgctg ggctccgtca 420 gcggtttagc tggaggcttc gtggggacgc ccgcagactt ggtcaacgtc aggatgcaga 480 540 acgacgtgaa gctgccccag ggtcagcggc gcaactacgc ccatgcgctg gatggcctgt accgcgtagc tcgtgaagag ggtctcagga gactgttctc gggtgcaacc atggcatcca 600 660 gccgaggggc cttagtcact gtgggccagc tgtcctgcta cgaccaggcc aagcagctgg tccttagcac cgggtacctc tctgacaaca tcttcactca ctttgtcgcc agctttattg 720 caggtggatg tgccacgttc ctgtgccagc ccctggatgt gctgaagact cgcctgatga 780 actccaaggg ggagtatcag ggcgttttcc actgcgccgt ggagacagcg aagctcgggc 840 ctctggcctt ttacaagggc ctcgtcccag ctggcatccg cctcatcccc cacaccgtgc 900 tcacttttgt gtttctggaa cagctacgca aaaactttgg catcaaagtg ccatcctgac 960 cagccgtggg aatggctggg ctgccaggcc agacacgcta ggttcttcca aagagtccca 1020

7.40000 T	
BY0029Yseqlist.txt agcccagcac ctgctcctgg ggccacgacc tccctggccg tggccacccg tcctccgcag	1080
caggcccctg ctgtccccc acctgctggc tgagctcctc ctggcctcgt cccctctcag	1140
ctgtagctgc accaccccg ctctggctac caggctctcc cggctgggca ctgcgtggcc	1200
ttgcccctct cccgctggca gctcctcagg ggaacagggg ctaccagagg ctgatttctc	1260
ccctctcctg ggccagggga ggggtattat ccctgcctcc tgcccccgat gcccaaagca	1320
gcatcttcca gcactttcca tcgaggactt gggtggcaga gtgtgggtgc agcctggctg	1380
ttgctcaccc aagtgctagc tctgcacttc gtgtctgctg agagcaacca gaccttccat	1440
gtcctcgggc agctgcaact ccccgcgaga ccccgcagct gggtgggatg aacaagcaac	1500
gcagaccaca agcgagtgcc tgggagggag tggcccaggg tggttctgga gccattgtgg	1560
gtgagggtcg agggccaccg aggtcccgcg caccgctgcc tgccctgcag tggctttaac	1620
agttagtttt gccaaagcct ctccactcac cagcaggcgg tctctgtctt cagggattgt	1680
gcctgcgtcc ctcgggcacc tgggcccccc cgcttggctc cctgggggaa tggcccaggc	1740
gggctgcggt tcctccttag ggccttctcc ccgacaagga gtccgacggg gcggatgctg	1800
catcctctgc ctccctggtc gctgggcttc accccacctg ggaagggcag tgtgctctgt	1860
gggggctgca atcaataaat gccgggagct gccaaaaaaa aaaaaaaaa aaaaaaaaa	1920
aaaaaaaaaa aaaaaaaaa aaaaaaaaaa aaaaaaa	1969
<210> 3 <211> 29 <212> DNA <213> artificial sequence	
<220> <223> synthetic polynucleotide	
<400> 3 aactgcgtct gcagatgcac ccctgtctc 29	
<210> 4 <211> 29 <212> DNA <213> artificial sequence	
<220> <223> synthetic polynucleotide	
<400> 4 aaggtgcatc tgcagacgca gcctgtctc	29
<210> 5 <211> 29 <212> DNA <213> artificial sequence	
<220> <223> synthetic polynucleotide	
<400> 5 aagtcgttct gcatcctgac gcctgtctc	29

```
<210>
       6
<211>
       29
<212>
       DNA
       artificial sequence
<213>
<220>
<223>
       synthetic polynucleotide
<400> 6
                                                                       29
aacgtcagga tgcagaacga ccctgtctc
<210>
<211>
       29
<212>
       DNA
<213>
       artificial sequence
<220>
<223>
       synthetic polynucleotide
<400>
aaatccagcg catgggcgta gcctgtctc
                                                                       29
<210>
       29
<211>
<212>
       DNA
<213>
       artificial sequence
<220>
<223>
      synthetic polynucleotide
<400> 8
aactacgccc atgcgctgga tcctgtctc
                                                                       29
<210>
       9
       29
<211>
<212>
       DNA
<213>
       artificial sequence
<220>
<223>
       synthetic polynucleotide
aaacagtctc ctgagaccct ccctgtctc
                                                                       29
<210>
       10
       29
<211>
<212>
      DNA
<213>
      artificial sequence
<220>
<223>
      synthetic polynucleotide
<400> 10
                                                                       29
aagagggtct caggagactg tcctgtctc
<210>
<211>
       29
<212>
      DNA
<213> artificial sequence
```

BY0029Yseqlist.txt <220> <223> synthetic polynucleotide <400> 11 29 aaggtgctaa ggaccagctg ccctgtctc <210> 12 <211> 29 <212> DNA <213> artificial sequence <220> <223> synthetic polynucleotide <400> 12 29 aagcagctgg tccttagcac ccctgtctc <210> 13 29 <211> <212̈> DNA <213> artificial sequence <220> <223> synthetic polynucleotide <400> 13 aactgatact cccccttgga gcctgtctc 29 <210> 14 29 <211> <212> DNA <213> artificial sequence <220> <223> synthetic polynucleotide <400> 14 aactccaagg gggagtatca gcctgtctc 29 <210> 15 29 <211> <212> DNA artificial sequence <213> <220> <223> synthetic polynucleotide <400> 15 aaggctggtc aggatggcac tcctgtctc 29 <210> 16 <211> 29 <212> DNA <213> artificial sequence <220> <223> synthetic polynucleotide <400> 16 29 aaagtgccat cctgaccagc ccctgtctc

BY0029Yseqlist.txt <210> 17 <211> 29 <212> DNA <213> artificial sequence <220> <223> synthetic polynucleotide <400> 17 aagtgctggg cttgggactc tcctgtctc 29 <210> 18 <211> 29 <212> DNA <213> artificial sequence <220> <223> synthetic polynucleotide <400> 18 aaagagtccc aagcccagca ccctgtctc 29 <210> 19 <211> 29 <212> DNA <213> artificial sequence <220> <223> synthetic polynucleotide <400> aaagtgctgg aagatgctgc tcctgtctc 29 <210> 20 <211> 29 <212> DNA artificial sequence <213> <220> <223> synthetic polynucleotide <400> 20 aaagtgctgg aagatgctgc tcctgtctc 29 <210> 21 29 <211> <212> DNA <213> artificial sequence <220> <223> synthetic polynucleotide <400> 21 aagaggacat ggaaggtctg gcctgtctc 29 22 29 <210> <211> <212> DNA <213> artificial sequence <220> <223> synthetic polynucleotide

<400> aaccag	22 acct tccatgtcct ccctgtctc	29		
<210> <211> <212> <213>	23 29 DNA artificial sequence			
<220> <223>	synthetic polynucleotide			
<400> aagctg	23 gtga gtggagaggc tcctgtctc	29		
<210> <211> <212> <213>	24 29 DNA artificial sequence			
<220> <223>	synthetic polynucleotide			
<400> aaagcc	24 tctc cactcaccag ccctgtctc	29		
<210> <211> <212> <213>	25 29 DNA artificial sequence			
<220> <223>	synthetic polynucleotide	,		
<400> aaagct	25 cccg gcatttattg acctgtctc	29		
<210> <211> <212> <213>	26 29 DNA artificial sequence			
<220> <223>	synthetic polynucleotide			
<400> aatcaa	26 taaa tgccgggagc tcctgtctc	29		
<210> <211> <212> <213>	27 29 DNA artificial sequence			
<220> <223>	synthetic polynucleotide			
<400> 27 aattgggtct gcaaatgcac ccctgtctc 29				
<210> <211>	28 29			

BY0029Yseqlist.txt <212> DNA <213> artificial sequence <220> synthetic polynucleotide <223> 29 aaggtgcatt tgcagaccca acctgtctc 29 29 <210> <211> <212> DNA <213> artificial sequence <220> <223> synthetic polynucleotide <400> 29 29 aatcccgcat ggtctcgtag acctgtctc <210> 30 <211> <212> 29 DNA <213> artificial sequence <220> <223> synthetic polynucleotide <400> 30 aatctacgag accatgcggg acctgtctc 29 31 29 <210> <211> <212> DNA <213> artificial sequence <220> synthetic polynucleotide <223> <400> 31 aagtcgttct gcatcctgac acctgtctc 29 <210> 32 <211> 29 <212> DNA <213> artificial sequence <220> synthetic polynucleotide <223> <400> 32 aatgtcagga tgcagaacga ccctgtctc 29 33 29 <210> <211> <212> DNA <213> artificial sequence <220> <223> synthetic polynucleotide

Page 8

<400>

33

aaatcc	aggg catgagagta gcctgtctc	BY0029Yseqlist.txt	29
<210> <211> <212> <213>	34 29 DNA artificial sequence		
<220> <223>	synthetic polynucleotide		
<400> aactact	34 tctc atgccctgga tcctgtctc		29
<210> <211> <212> <213>	35 29 DNA artificial sequence		
<220> <223>	synthetic polynucleotide		
<400> aaagtgo	35 ctga ggaccagttg ccctgtctc		29
<210> <211> <212> <213>	36 29 DNA artificial sequence		
<220> <223>	synthetic polynucleotide		
<400> aagcaad	36 ctgg tcctcagcac tcctgtctc		29
<210> <211> <212> <213>	37 29 DNA artificial sequence		
<220> <223>	synthetic polynucleotide		
<400> aaggagt	37 ctca tcaggcgagt ccctgtctc		29
<210> <211> <212> <213>	38 29 DNA artificial sequence		
<220> <223>	synthetic polynucleotide		
<400> aagacto	38 gcc tgatgaactc ccctgtctc		29
<210> <211> <212> <213>	39 29 DNA		

<220> <223>	synthetic polynucleotide	
<400> aaatgt	39 cagg tggttggcac tcctgtctc	29
<210> <211> <212> <213>		
<220> <223>	synthetic polynucleotide	
<400> aaagtg	40 ccaa ccacctgaca tcctgtctc	29
<210> <211> <212> <213>	41 29 DNA artificial sequence	
<220> <223>	synthetic polynucleotide	
<400> aagtgg	41 cacc tctgccctac tcctgtctc	29
<210> <211> <212> <213>	42 29 DNA artificial sequence	
<220> <223>	synthetic polynucleotide	
<400> aaagta	42 gggc agaggtgcca ccctgtctc	29
<210> <211> <212> <213>	43 29 DNA artificial sequence	
<220> <223>	synthetic polynucleotide	
<400> aaagca	43 ggaa acgaactcgg ccctgtctc	29
<210> <211> <212> <213>	44 29 DNA artificial sequence	
<220> <223>	synthetic polynucleotide	
<400>	44 agtt cgtttcctgc tcctgtctc	29

```
<210>
       45
<211>
<212>
       29
       DNA
      artificial sequence
<213>
<220>
<223>
      synthetic polynucleotide
<400> 45
                                                                        29
aactctcctg aaggcactac ccctgtctc
<210>
       46
<211>
      29
<212>
       DNA
       artificial sequence
<213>
<220>
<223> synthetic polynucleotide
<400> 46
                                                                        29
aaggtagtgc cttcaggaga gcctgtctc
<210>
       47
<211>
<212>
       29
       DNA
<213>
      artificial sequence
<220>
       synthetic polynucleotide
<223>
                                                                        29
aagtgtgagg gacacagaca gcctgtctc
<210>
       48
29
<211>
<212>
      DNA
<213> artificial sequence
<220>
<223> synthetic polynucleotide
<400> 48
                                                                        29
aactgtctgt gtccctcaca ccctgtctc
<210>
       49
<211>
       29
<212>
       DNA
<213>
       artificial sequence
<220>
<223>
      synthetic polynucleotide
<400> 49
                                                                        29
aattgaggga aaacaggctg ccctgtctc
       50
29
<210>
<211>
<212>
      DNA
<213>
       artificial sequence
<220>
```

<223> synthetic polynucleotide

<400> 50 aagcagcctg ttttccctca acctgtctc

29